

WEST Search History

DATE: Tuesday, August 05, 2003

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|---|--------------------|------------------|-----------------|
| side by side | | | result set |
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i> | | | |
| L3 | L1 same gene\$3 | 7 | L3 |
| L2 | L1 same gene\$ | 5 | L2 |
| L1 | ta with antibiotic | 56 | L1 |

END OF SEARCH HISTORY

09/710262
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 17:12:30 ON 05 AUG 2003

L1 57 S TA (S) ANTIBIOTIC?
L2 15 S L1 AND GENE?
L3 18 S L1 AND XANTHUS
L4 6 S L3 NOT L2

L2 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:720230 CAPLUS

TI An unusual .beta.-ketoacyl:acyl carrier protein synthase and acyltransferase motifs in TaK, a putative protein required for biosynthesis of the antibiotic TA in *Myxococcus xanthus*

AU Paitan, Y.; Orr, E.; Ron, E. Z.; Rosenberg, E.
SO FEMS Microbiology Letters (2001), 203(2), 191-197

L2 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:705518 CAPLUS

TI Tetracycline-inducible systems for *Drosophila*
AU Stebbins, Michael J.; Urlinger, Stefanie; Byrne, Gerry; Bello, Bruno;
Hillen, Wolfgang; Yin, Jerry C. P.

SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(19), 10775-10780

L2 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:330089 CAPLUS

TI Characterization of the *mac-1* gene encoding a putative ABC transporter from *Myxococcus xanthus*

AU Kimura, Yoshiö; Yamamoto, Yuki; Tokumasu, Yushi; Terasaka, Hideaki;
Yoshinobu, Junko

SO Journal of Biochemistry (Tokyo, Japan) (2001), 129(3), 351-356

L2 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:553281 CAPLUS

TI Antibiotic TA biosynthesis gene cluster of *Myxococcus xanthus*

IN Rosenberg, Eugene; Ron, Eliora; Orr, Elisha; Paitan, Yossi

PA Ramot University Authority for Applied Research & Industrial Development, Israel

SO Eur. Pat. Appl., 66 pp.

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | EP 1026248 | A2 | 20000809 | EP 2000-300747 | 20000131 |
| | EP 1026248 | A3 | 20020918 | | |
| PRAI | US 1999-240537 | A | 19990129 | | |

L2 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:745388 CAPLUS

TI Genetic and functional analysis of genes required for the post-modification of the polyketide antibiotic TA of *Myxococcus xanthus*

AU Paitan, Yossi; Orr, Elisha; Ron, Eliora Z.; Rosenberg, Eugene

SO Microbiology (Reading, United Kingdom) (1999), 145(11), 3059-3067

L2 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:616149 CAPLUS
TI A nonessential signal peptidase II (Lsp) of *Myxococcus xanthus* might be involved in biosynthesis of the polyketide antibiotic TA
AU Paitan, Yossi; Orr, Elisha; Ron, Eliora Z.; Rosenberg, Eugene
SO Journal of Bacteriology (1999), 181(18), 5644-5651

L2 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:210537 CAPLUS
TI Cloning and characterization of a *Myxococcus xanthus* cytochrome P-450 hydroxylase required for biosynthesis of the polyketide antibiotic TA
AU Paitan, Yossi; Orr, Elisha; Ron, Eliora Z.; Rosenberg, Eugene
SO Gene (1999), 228(1-2), 147-153

L2 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:109310 CAPLUS
TI The First Gene in the Biosynthesis of the Polyketide Antibiotic TA of *Myxococcus xanthus* Codes for a Unique PKS Module Coupled to a Peptide Synthetase
AU Paitan, Yossi; Alon, Gili; Orr, Elisha; Ron, Eliora Z.; Rosenberg, Eugene
SO Journal of Molecular Biology (1999), 286(2), 465-474

L2 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:811151 CAPLUS
TI A NusG-like transcription anti-terminator is involved in the biosynthesis of the polyketide antibiotic TA of *Myxococcus xanthus*
AU Paitan, Yossi; Orr, Elisha; Ron, Eliora Z.; Rosenberg, Eugene
SO FEMS Microbiology Letters (1999), 170(1), 221-227

L2 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:646674 CAPLUS
TI Trans-acting regulation of antibiotic TA genes in *Myxococcus xanthus*
AU Varon, Mazal; Paitan, Yossi; Rosenberg, Eugene
SO FEMS Microbiology Letters (1997), 155(2), 141-146

L2 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:142739 CAPLUS
TI Transcriptional regulation of genes required for antibiotic TA synthesis in *Myxococcus xanthus*
AU Varon, Mazal; Rosenberg, Eugene
SO FEMS Microbiology Letters (1996), 136(2), 203-8

L2 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1992:646425 CAPLUS
TI Mutation and mapping of genes involved in production of the antibiotic TA in *Myxococcus xanthus*
AU Varon, M.; Fuchs, N.; Monosov, M.; Tolchinsky, S.; Rosenberg, E.
SO Antimicrobial Agents and Chemotherapy (1992), 36(10), 2316-21

L2 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1992:646212 CAPLUS
TI Use of *Tn5lac* to study expression of genes required for production of the antibiotic TA
AU Tolchinsky, S.; Fuchs, N.; Varon, M.; Rosenberg, E.
SO Antimicrobial Agents and Chemotherapy (1992), 36(10), 2322-7